

MONTHLY CALCULATED PARAMETER WORKSHEET - DECEMBER, 2017

Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value																				
00011	Temperature, Effluent °F From Monthly Status Reports	Week 1 Average: <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>67</td><td>°F</td></tr><tr><td> </td><td> </td></tr></table> Week 2 Average: <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>69</td><td>°F</td></tr><tr><td> </td><td> </td></tr></table> Week 3 Average: <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>67</td><td>°F</td></tr><tr><td> </td><td> </td></tr></table> Week 4 Average: <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>67</td><td>°F</td></tr><tr><td> </td><td> </td></tr></table> Week 5 Average: <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>59</td><td>°F</td></tr><tr><td> </td><td> </td></tr></table>	67	°F			69	°F			67	°F			67	°F			59	°F			65.8 °F (= average of raw data) 70 °F Monthly Max (from Monthly Status Reports)
67	°F																						
69	°F																						
67	°F																						
67	°F																						
59	°F																						
00145	BOD ₅ Results from Lab analysis Flow results from Parameter Code 50500 (Avg)	BOD ₅ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td><</td><td>4</td><td>mg/L</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td>0.265</td><td>MGD</td><td> </td></tr></table>	<	4	mg/L				0.265	MGD		8.85 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)											
<	4	mg/L																					
0.265	MGD																						
	Results from Lab analysis Flow results from Parameter Code 50500 (Max Daily)	BOD ₅ <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td><</td><td>4</td><td>mg/L</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td>0.41557</td><td>MGD</td><td> </td></tr></table>	<	4	mg/L				0.41557	MGD		13.86 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)											
<	4	mg/L																					
0.41557	MGD																						
00400	pH From Monthly Status Reports	Minimum <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>8.2</td><td>SU</td></tr><tr><td> </td><td> </td></tr></table> Maximum <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>8.6</td><td>SU</td></tr><tr><td> </td><td> </td></tr></table>	8.2	SU			8.6	SU															
8.2	SU																						
8.6	SU																						

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Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value				
00530	Total Suspended Solids						
	Results from Lab analysis	TSS	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>8</td><td>mg/L</td></tr> <tr><td>0.265</td><td>MGD</td></tr> </table> 17.70 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)	8	mg/L	0.265	MGD
8	mg/L						
0.265	MGD						
	Flow results from Parameter Code 50500 (Avg)						
	Results from Lab analysis	TSS	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>8</td><td>mg/L</td></tr> <tr><td>0.41557</td><td>MGD</td></tr> </table> 27.73 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)	8	mg/L	0.41557	MGD
8	mg/L						
0.41557	MGD						
	Flow results from Parameter Code 50500 (Max Daily)						
00610	Ammonia (as N)	NODI	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>9</td><td></td></tr> <tr><td>0.265</td><td>MGD</td></tr> </table> 0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)	9		0.265	MGD
9							
0.265	MGD						
	Results from Lab analysis	Ammonia					
	Flow results from Parameter Code 50500						
00630	Nitrite plus Nitrate						
	Results from Lab analysis	Nitrite	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>0.022</td><td>(a) mg/L</td></tr> <tr><td>11.1</td><td>(b) mg/L</td></tr> </table> 11.122 mg/L (= a + b)	0.022	(a) mg/L	11.1	(b) mg/L
0.022	(a) mg/L						
11.1	(b) mg/L						
	Results from Lab analysis	Nitrate					
00745	Sulfide, total	NODI	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>9</td><td></td></tr> <tr><td>0.265</td><td>MGD</td></tr> </table> 0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)	9		0.265	MGD
9							
0.265	MGD						
	Results from Lab analysis	Sulfide					
	Flow results from Parameter Code 50500 (Avg)						
	Results from Lab analysis	Sulfide	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td>0</td><td>mg/L</td></tr> <tr><td>0.41557</td><td>MGD</td></tr> </table> 0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)	0	mg/L	0.41557	MGD
0	mg/L						
0.41557	MGD						
	Flow results from Parameter Code 50500 (Max Daily)						

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Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value
01034	Chromium, total	NODI	
	Results from Lab analysis	Chromium	9 0.265 mg/L MGD
	Flow results from Parameter Code 50500 (Avg)		0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis	Chromium	000 0 mg/L MGD
	Flow results from Parameter Code 50500 (Max Daily)		0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
01034	Phenols	NODI	
	Results from Lab analysis	Phenolics	< 0.265 mg/L MGD
	Flow results from Parameter Code 50500 (Avg)		0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
	Results from Lab analysis	Phenolics	< 0.41557 mg/L MGD
	Flow results from Parameter Code 50500 (Max Daily)		0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)
50050	Flow		
	From Monthly Status Reports	Week 1 Average: Week 2 Average: Week 3 Average: Week 4 Average: Week 5 Average:	295790 gal/d 297357 gal/d 281776 gal/d 251385 gal/d 200241 gal/d
			0.265 MGD (= average of raw data/1,000,000)
			0.416 MGD Monthly Max (from Monthly Status Reports)

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Parameter Code	Parameter Description & Data Source	Raw Data	Calculated Value
51040	e-Coli (April - Oct) Results from Lab analysis	NODI Week 1 Result: Week 2 Result: Week 3 Result: Week 4 Result: Week 5 Result:	9 CFU/100mL CFU/100mL CFU/100mL CFU/100mL CFU/100mL
81017	Chemical Oxygen Demand Results from Lab analysis Flow results from Parameter Code 50500 (Avg)	NODI COD Results from Lab analysis Flow results from Parameter Code 50500 (Max Daily)	9 mg/L 0.265 0 mg/L 0.41557 MGD
			CFU/100mL (= average of raw data/1,000,000) 0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34) 0 lb/d (= concentration(mg/L) x flow(MGD) x 8.34)